



23448

PATENT TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re United States Patent Application of:

Applicant: Gallo et al.

Serial No.: 09/677,152

Date Filed: October 2, 2000

Title: THERAPEUTIC FRACTIONS OF
SOURCES OF hCG



Docket No.: 4115-116 DIV 4

Examiner: Not yet assigned.

Group Art Unit: Not yet assigned.

Paper No.: 4

RECEIVED

MAR 15 2001

TECH CENTER 1600/2900

FIRST CLASS MAIL CERTIFICATE

I hereby certify that I am mailing the attached documents to the Commissioner for Patents on the date specified, in an envelope addressed to the Commissioner for Patents, Washington, DC 20231, and First Class Mailed under the provisions of 37 CFR 1.8.

Blake Crouch

Blake Crouch

March 7, 2001

Date of Mailing

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) numbered on the attached PTO-1449.

Copies of new references IR to JY were originally submitted with the parent case (U.S. Patent Application No. 09/220,415), and therefore copies of such references IR to JY are not submitted herein.

It is respectfully requested that the information listed on the attached PTO-1449 be expressly considered during the prosecution of this application, and that the reference(s) be made of record and appear among the "References Cited" on any patent to issue therefrom.


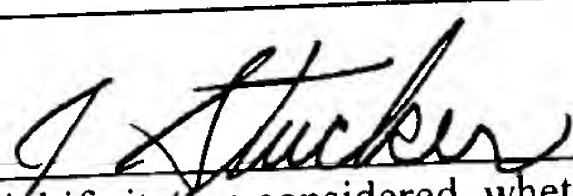
Respectfully submitted,



Steven J. Hultquist
Reg. No. 28,021
Attorney for Applicant

**INTELLECTUAL PROPERTY/
TECHNOLOGY LAW**
P.O. Box 14329
Research Triangle Park, NC 27709
Telephone: (919) 419-9350
Fax: (919) 419-9354
Attorney Ref: 4115-116 DIV 4

CFORM PTO-1449 US Dept. of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)		ATTORNEY DOCKET NO.		SERIAL NO.	
		4115-116 DIV 4		09/677,152	
		APPLICANT		GROUP	
		Gallo et al.		1648 Not Yet Assigned	
		FILING DATE		CENTER 1600	
		September 29, 2000			
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	NAME	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS					
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Journal-Date, Page Number, Etc.)					
	IR	Alfthan et al. (1992) Cancer Res. 52: 4628-4633.			
	IS	Bagshawe (1992) Acta Oncol. 31: 99-106.			
	IT	Bidart, J-M et al., "Human Chorionic Gonadotropin Molecular Forms, Detection, and Clinical Implications." TEM 4:285 (1993).			
	IU	Birken, S. et al., "Structure of the Human Chorionic Gonadotropin .beta.-Subunit Fragment from Pregnancy Urine." Endocrinology 123:572 (1988).			
	IV	Bourinbaiar, A.S. et al., "Pregnancy hormones, estrogen and progesterone, prevent HIV-1 synthesis in monocytes but not in lymphocytes." FEBS LETTERS 302:206 (1992).			
	IW	Chen, W. et al., "Recombinant Carbohydrate Variant of Human Choriogonadotropin .beta.-Subunit (hCG.beta.) Descarboxyl Terminus (115-145)." Journal of Biological Chemistry 266:6246 (1991).			
	IX	Cole, L.A., et al., "The Deactivation of hCG by Nicking and Dissociation" Journal of Clinical Endocrinology and Metabolism 76:704 (1993).			
	IY	Cole, Laurence A. et al., "The Heterogeneity of Human Chorionic Gonadotropin (hCG). III. The Occurrence and Biological and Immunological Activities of Nicked hCG." Endocrinology 129:1559 (1991).			
	IZ	Curti, Critical Reviews in Oncology/Hematology, vol.14, pp. 29-39, 1993.			
	JA	Danforth, D.N., Jr., M.D., "How Subsequent Pregnancy Affects Outcome in Women with a Prior Breast Cancer." Oncology 5:23 (1991).			
	JB	Elford et al. (1993) AIDS 7: 1667-1671.			
	JC	Freireich, E.J. et al., "Quantitative Comparison of Toxicity of Anticancer Agents in Mouse, Rat, Hamster, Dog, Monkey, and Man." Cancer Chemotherapy Reports 50:219 (1966).			
	JD	Hirabayashi, M., M.D., "Early Gastric Cancer and a Concomitant Pregnancy", The American Surgeon 53:730 (1987).			
	JE	Huang, J. et al., "Amino/Carboxyl-terminal Deletion Mutants of Human Choriogonadotropin .beta.." The Journal of Biological Chemistry 268:9311 (1993).			
	JF	Huang, J. et al., "Mutagenesis of the 'determinant loop' region of human choriogonadotropin .beta.." Molecular and Cellular Endocrinology 90:211 (1993).			
	JG	Jain, Scientific American, pp. 58-65, Jul. 1994.			
Continue on Page 2					
EXAMINER				DATE CONSIDERED	
				11/25/02	
EKXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.					

CFORM PTO-1449 US Dept. of Commerce Patent and Trademark Office		ATTORNEY DOCKET NO. 4115-116 DIV 4	SERIAL NO. 09/677,152
INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)		APPLICANT Gallo et al.	RECEIVED MAR 15 2001 Not Yet Assigned
		FILING DATE September 29, 2000	
		GROUP	
			
JH	Kumar, S. et al., "Necrosis and Inhibition of Growth of Human Lung Tumor by Anti-.alpha.-Human Chorionic Gonadotropin Antibody." J. Natl Cancer Inst. 84:42 (1992).		
JI	Loosfelt, H. et al., "Cloning and Sequencing of Porcine LH-hCG Receptor cDNA: Variants Lacking Transmembrane Domain." Science 245:525 (1989).		
JJ	Mann et al, Scand. J. Clin. Lab. Invest. , Suppl. vol. 216, pp. 97-104, 1993.		
JK	Marcillac et al. (1992) Cancer Res. 52: 3901-3907.		
JL	McFarland, K.C. et al., "Lutropin-Choriogonadotropin Receptor: An Unusual Member of the G Protein-Coupled Receptor Family." Science 245:494 (1989).		
JM	Nakhai, B. et al., "Over-expression and characterization of recombinant beta subunit of the human chorionic gonadotropin hormone synthesized in insect cells infected with a genetically engineered baculovirus." Indian Journal of Biochemistry & Biophysics 29:315 (1992).		
JN	Northfeldt et al. (1991) Hematology/Oncology Clinics of North America 5: 297-310.		
JO	Ozturk, M. et al., "Ectopic .beta.-Human Chorionic Gonadotropin Production by a Human Hepatoma Cell Line (FOCUS): Isolation and Immunochemical Characterization." Endocrinology 120:559 (1987).		
JP	Ozturk, M. et al., "Physiological Studies of Human Chorionic Gonadotropin (hCG), .alpha.hCG, and .beta.hCG as Measured by Specific Monoclonal Immunoradiometric Assays." Endocrinology 120:549 (1987).		
JQ	Ross et al., Immunology Today, vol. 11, No. 6, 1990.		
JR	Siemen, Rodent Tumor Models in Experimental Cancer Therapy, Edited by Kallman, Pergamon Press, pp. 12-15, 1987.		
JS	Sridhar, P. et al., "Differential secretion and glycosylation of recombinant human chorionic gonadotropin (.beta.hCG) synthesized using different promoters in the baculovirus expression vector system." Gene (Netherlands) 131:261 (1993).		
JT	Stenman et al. (1993) Scand. J. Clin. Lab. Invest. Suppl. 216: 42-78.		
JU	Strickland et al. in Luteinizing hormone action and receptors, M. Ascoli, Ed., CRC Press, Boca Raton FL, 1985, p. 1.		
JV	Trott, Rodent Tumor Models in Experimental Cancer Therapy, Edited by Kallman, Pergamon Press, pp. 6-11, 1987.		
JW	Ward et al. in Reproduction in Domestic Animals, 4th ed., Cuppos, PT, ed., pp. 25-80, Academic Press, NY (1991).		
JX	Wass, M. et al., "Response of lymphocytes from cancer patients to human *chorionic* gonadotrophin", Lancet (England) 1:8004:171 (1977).		
JY	Yano, T. et al., "Inhibition of human epithelial ovarian cancer cell growth in vitro by agonistic and antagonistic analogues of luteinizing hormone-releasing hormone." Proc. Natl. Acad. Sci. USA 91:1701 (1994).		
Continue on Page _____			
EXAMINER 		DATE CONSIDERED 11/25/02	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			